



PN01-0381-1-17

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## Brokk Demolition Robot

### *Problem*

The Waste Experimental Reduction Facility decommissioning project needed a safe and cost-effective method to remove equipment in a radiological environment.

### *Baseline Technology*

Operator entry and use of conventional hand tools.

### *Innovative Technology*

The Brokk Demolition Robot is a remote-controlled demolition system with lifting, cutting, and crushing capabilities that combine to help move equipment.

### *Comparison*

Use of this robot allows the operator to perform demolition operations from a remote location without entering hazardous environments.

### *Benefits*

This robot increases worker safety by positioning the operator a safe distance from radiological, chemical, and industrial hazards during demolition.



#### WASTE MANAGEMENT PROGRAM

Project: ID-WM-101  
Low-Level Waste/Mixed Low-Level Waste/Other Waste Program

**OST #2100**